

AMENDMENTS TO THE CLAIMS

1. (Original) A tape drive applicable to either of a thin-type and a thick-type tape cartridges having different case thicknesses respectively in common therewith, wherein

said tape drive comprises a loading frame for receiving and supporting said tape cartridge loaded through a loading mouth and a holder for pressing and holding said tape cartridge in cooperation with said loading frame,

said loading frame comprises a bottom wall for supporting a lower surface of said tape cartridge and side walls projected from left and right ends of said bottom wall to restrain swinging of said tape cartridge in the left and right directions,

said holder is vertically movable between an upper position in contact with an upper surface of said thick-type cartridge so as to press and hold said thick-type tape cartridge and a lower position in contact with an upper surface of said thin-type tape cartridge so as to press and hold said thin-type tape cartridge and is normally positioned at said upper position,

a pair of upper and lower sensors provided at said side wall of the loading frame for identifying the thin-type and the thick-type tape cartridges, an effective point of the lower sensor being located below a reference height defined by the upper surface of said thin-type tape cartridge, and an effective point of the upper sensor being located above said reference height, whereby when only said lower sensor is turned ON by the tape cartridges loaded through said loading mouth, said holder is displaced from the upper position to the lower position so as to press and hold said thin-type tape cartridge for making the cartridge vertically immovable.

2. (Original) A tape drive as set forth in claim 1, wherein said cartridge has a tape loading pocket disposed in a front portion of a main body case so as to be opened and closed by a shutter which is slidable in the fore and rear directions along the case lower surface and a front lid which is swingably supported by the main body case,

a stroke distance of a pin for opening said front lid by pushing up said front lid is controlled long or short in accordance with said loaded tape cartridges based on output signals corresponding to sizes of the tape cartridges detected by said sensors.

3. (Previously presented) A tape drive as set forth in claim 1, wherein said side wall has an entrance and an exit for a tape end detection light opened respectively,

said tape drive has a tape end detection section provided with a light emitting element for radiating a detection light and a light receiving element for receiving the detection light disposed correspondingly to said entrance and said exit respectively,

said tape end detection section is constructed so as to be displaced to a suitable height for said loaded tape cartridge based on the output signals corresponding to the sizes of the tape cartridges detected by said sensors.

4-16. (Canceled)